# SEED: Coalitions for Community Growth

## STEM, Energy, and Economic Development

**Pilot City Quarterly Convening**
**1.10.17**

**A Federal Interagency Partnership:**

**Department of Housing and Urban Development (HUD)**
**Department of Energy (DOE) &**
**Department of Education (ED)**

# What is S.E.E.D.?: STEM, Energy and Economic Development

- **Place-based initiative building local coalitions to:**

I. Increase energy-literacy
II. Facilitate STEM opportunities
III. Promote job-driven skills

- **SEED Coalition's are committed to preparing residents of public housing localities for current and future in-demand STEM & Energy jobs**

- **5 Pilot Cities**
  - Denver, CO
  - Tampa, FL
  - Cleveland, OH
  - San Antonio, TX
  - Austin, TX

## Federal Partners



## National Partners

# Mission Statement

- **MISSION STATEMENT:** SEED is increasing economic opportunity for public housing residents through place-based energy literacy, STEM & Energy education and workforce training.

# Agenda: Quarterly SEED Virtual Convening

Timed Agenda

CST/EST

12:00 – 12:05 PM /1:00 – 1:05 PM – Introductions; Say hello to the New Kids!

12:05 – 12:45 PM/1:05-1:45 PM – Pilot Site Feedback Session

12:45 – 1:25 PM/1:45-2:25 PM – Site Presentations

      **12:45-12:55 PM/ 1:45-1:55 PM** – San Antonio

      12:55- 1:05 PM/ 1:55- 2:05 PM - Austin

      1:05 – 1:15 PM/ 2:05 – 2:15 PM - CMHA

      1:15 – 1:25 PM/ 2:15 – 2:25 PM - Tampa

1:25 – 1:30 PM/2:25-2:30 PM – Announcements and Close

# Introductions

- Say Hello to our New Team Members
    - Corinne Sauri (Dept. of ED)
    - Janice Damanze (Tampa HA)
    - Daphne Ivory-Bey (Cuyahoga MHA)

# Pilot Site Feedback Session

1. Has your agency participated in the Energy is Everywhere (EIE) webinars? If so, how were the resources presented utilized?

2. What are your TA needs? Would you like to see then addressed in future webinars?

3. How does your Agency disseminate information about your SEED work and/or resources presented on the EIE webinars? Are resources being shared and tracked?

4. How can our agencies continue to support the great work being done under the SEED initiative? (i.e. other agencies we can connect you to; networking opportunities with local 'partners', workforce training opportunities, grant writing sources, ect.)

5. For sites with focused pillars: Is there interested in expanding to other pillars and how can we support these efforts?

6. How can we assist in amplifying the work done with the PHA residents through SEED and with local partners?

7. Is there interests in writing blogs that can be posted on the PHA and HUD SEED site? (i.e. blogs on PHA participation with SEED and partners?)

8. Is there interest in being a presenter on the EIE webinar series?

# S.E.E.D. Virtual Convening

# SAHA Update

**January 10, 2017**

# Pillar 1: Energy Literacy

- SAHA Is Achieving a Reduction in Energy Consumption:
  - Staff presented "Energy Literacy" training as part of Quarterly Resident Council training.
    - 45 Resident Council Members attended
    - 20 Public Housing communities represented
  - Staff coordinating an Energy and Sustainability Resource Fair to be held Spring 2017, coinciding with SAHA Farmer's Market Days.
    - First farmers market to be held at SAHA Central Office in late February/Early March

# Pillar 2: STEM Education

- SAHA is Providing STEM Opportunities for Public Housing Youth:

  - Connect Home

    - Courses at Springview, Cassiano, and Alazan

    - Curriculum for youth includes digital literacy, digital awareness/security and introduction to coding

    - Exploring opportunities for youth to become "Digital Ambassadors " will tie in with partner opportunities.

  - Youth Code Jam

    - Saturday Family Explorations - Upward Bound students teach digital citizenship, early coding and pocketlab experiments (November 19, 2016)

    - TechTEAM Fellows - one paid fellows per site, high-school Jr's and Sr's (will begin after the next Youth Code Jam event in March 2017)

  - Girls Inc.

    - After school coding club for girls - focus on "Strong, Smart, and Bold" (November 2017)

  - All American Army Bowl (January 2017)

• Youth Code Jam

❖Girls Inc

# Pillar 3: Workforce Development

- SAHA Is Achieving an Increase in Employment and Training Opportunities for Public Housing Residents:
  - Workforce on Wheels (W.O.W. Bus)
    - Currently utilizing the bus to bring a Workforce Solutions Alamo (local WIB) representative on-site once a month, and provide residents with guided access to "Work in Texas".
  - HPOG - Health Professions Opportunity Grant
    - SAHA is actively recruiting and enrolling students into the HPOG program
      - Alazan and Springview are enrollment sites, removing the initial barrier of transportation
      - Expecting to enroll 150 adults in 2017.

Here in June, energy stakeholders including HACA residents, staff, Austin Energy, Austin Water, Texas Gas, Pecan Street memorialize the SEED Initiative. Staff from HUD and the Department of Energy supported the Kick Off.

# SEED Quarterly Update
Housing Authority of the City of Austin

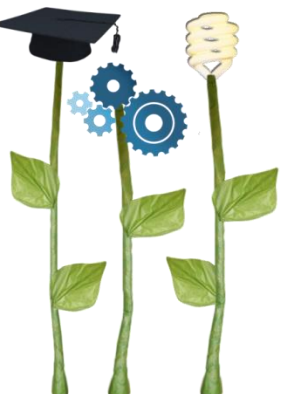# SEED Initiative: Energy Literacy

- **Alternative Fuel Vehicles**
  - Recently awarded Local Government Innovation Fund grant in conjunction with City of Cleveland, and local University Hospital to perform feasibility study for conversion of fleet vehicles to AFV (electric, biodiesel, etc.)

- **Energy Consultant**
  - Issued contract to consultant who will be helping to develop a resident engagement program, evaluate existing EPC, give recommendations for next EPC or extension of EPC

- **Energy Benchmarking**
  - As part of Better Buildings commitment, recently have submitted all energy data into portfolio manager to calculate a baseline for energy reduction goals

# SEED Initiative Pillar II: STEM Education

- **Cleveland Connects Training and Device Distribution**
  - CMHA has distributed almost 300 tablets and mobile Wi-Fi devices to children in 169 households
    - Each child and their parents have received training on the tablet and Wi-Fi device including how to use the internet, internet safety, device safety and responsibility
  - Free hard-wired internet service is currently being installed at CMHA's Cedar Highrise (156 senior apartments). Each apartment will receive an internet device and training on how to use the device and the internet
  - 23 Residents have attended a 4-week computer training program and received a free computer at the completion of the course

- **Afterschool Programs**
  - The 2017 school year, CMHA continues to incorporate at least 45 minutes of STEM activities each day into its afterschool curriculum at 4 sites with more than 300 children
  - FirstBook- CMHA received its $250 worth of educational books from the FirstBook opportunity

- **Green Team**
  - CMHA Urban Agriculture Training program visited the Great Lakes Science Center, Holden Arboretum, Lake Farm Park, Ohio Agriculture Research and Development Center, and received cooking and nutrition demonstrations from a renowned local chef

# SEED Initiative Pillar III: Workforce Development

- **Major Construction Projects**
  - Almost 40 CMHA residents have been hired to perform construction work on three large construction projects, and we're gearing up to hire residents for the next construction project scheduled to begin in December
  - All residents receive job readiness and job skills training before starting on the projects

- **Sherwin-Williams Training Program**
  - The next round of Sherwin Williams trainees started training Monday October 3, on their way to earning an EPA RRP certificate

- **Jobs Plus**
  - Celebrating 1 year of the Jobs Plus Program
  - 468 residents have engaged, 240 members are enrolled, 43 are receiving JPEID benefits
  - 71 residents have been placed in jobs

- **Youth Opportunities Unlimited**
  - This summer, CMHA hosted 43 resident interns across the agency in different positions such as construction, inspections, and applications
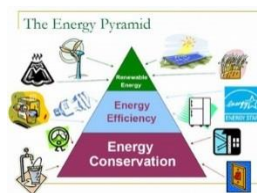
# SEEDS for a Sustainable Tampa

## Pillar I: Energy Literacy

Partnership with Johnson Controls, Inc. is in the implementation phases for Sustainability Ambassadors Program:

- Received $17,000 of the funding in December 2016
- Designate 3 properties for outreach and recruitment

  of residents to become Sustainability Ambassadors

- Train 10 residents by the Spring 2017
- Train-the- Trainer sessions will include on energy conservation methods, understanding utility usage and bills, identifying energy and water inefficacies in their home, other energy literacy education and activities
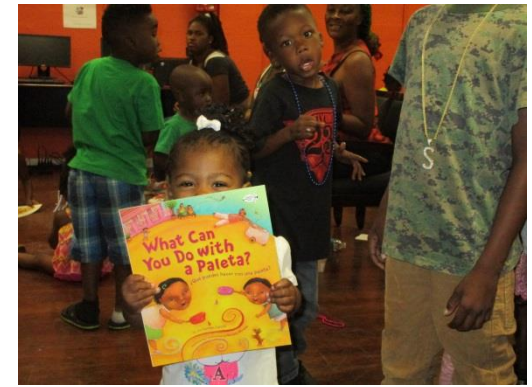
# SEEDS for a Sustainable Tampa

## Pillar II:  Stem Education

- **Out of School Time (OST) Oaks at Riverview Community Center** – Tutoring of math and science, arts and crafts , Boys Scout, Girls Scout

- **First Books** - Received $250 worth of educational  books to distribute to children.  Local partnership with Tampa Police Department  for a police officer to read to the children.  The Reading Story Time was at Robles Park Village and 30 children attended and received a book.

# SEEDS for a Sustainable Tampa

## Pillar II:  STEM Education

- **Prodigy Cultural Arts Program** – photography, music production, and urban dance class

- *Mini-Showcase & Family Night* – highlight the work of the videography and music production classes  and  display of art and music

# SEEDS for a Sustainable Tampa

## Pillar II:  STEM Education

**Gardening Program -** Youth from Oaks at Riverview Community Center  - OST participate in Gardening Program at JL Young Senior Site to learn cultivating a garden and education on how to grow and prepare food for health consumption.

# SEEDS for a Sustainable Tampa

## Pillar III: Job- Driven Skills Training

**Jobs Plus Initiative – Robles Park Village**

Implementation stages of the $2.5million grant award:

- Executive Team and Interagency Operations Team Kickoff Meeting
- Hire staff and trainings
- Office , equipment, and facilities set-up for onsite services
- Assist residents with job preparation and obtaining employment in construction, healthcare, technology, and other career fields etc.

**Connect Home**

- Internet Café – 5 computers – internet access, job preparation workshops, resume assistance, and job fairs
- Closing the digital divide and providing greater educational opportunity to youth and families
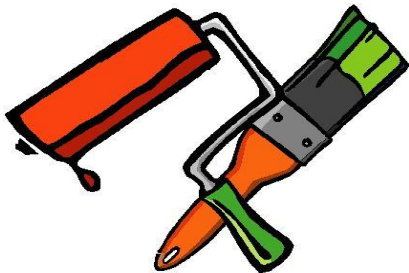
# SEEDS for a Sustainable Tampa

Pillar III:  Job - Driven Skills Training

**Youth Build** – Assisted with the installation of smoke detectors at 433 units development –Robles Park Village

- 4   obtained employment

- 1    completed job training in healthcare ad received certification

- Upcoming trainings in construction, First Aid, CPR

- Painted outside structure of Youth Build office building and completed community service  with painting  for  Habit for Humanity and Metropolitan Ministries

# Metrics Analysis Q #3

| Metric | CGI Goal | Current Total |
|---|---|---|
| Pillar 1: Energy Literacy | 600 individuals | 2,821 (470%) |
| Pillar 2: STEM Education | 8,000 Students | 3,853 (48%) |
| Pillar 3: Workforce Development | 1,000 trained | 680 (68%) |
| | 1,000 employed | 362 (36%) |
| Long Term Measures Pillar 1 | Energy Savings at properties with SEED participants | $200,499 (dec. $56,964) |
| Long Term Measures Pillar 2 | Number of new partnerships created for SEED | 30 Avg. (dec. 4) |
| | Number of existing ongoing partnerships supporting SEED | 74 Avg. (inc. 5) |
| Long Term Measures Pillar 3 | Average Household income of SEED participants | $ 8,827 (same) |

# Metrics Analysis Q #4

| Metric | CGI Goal | Current Total |
|---|---|---|
| Pillar 1: Energy Literacy | 600 individuals | 3,126 (5,210%) |
| Pillar 2: STEM Education | 8,000 Students | 4,382 (55%) |
| Pillar 3: Workforce Development | 1,000 trained | 714 (71%) |
| | 1,000 employed | 503 (50%) |
| Long Term Measures Pillar 1 | Energy Savings at properties with SEED participants | $211,537 (inc. $11,038) |
| Long Term Measures Pillar 2 | Number of new partnerships created for SEED | 32 Avg. (inc. 2) |
| | Number of existing ongoing partnerships supporting SEED | 115 Avg. (inc. 41) |
| Long Term Measures Pillar 3 | Average Household income of SEED participants | $ 8,829 (inc. $2) |

# Announcements

- The next Energy is Everywhere Webinar will be Thursday February 16, 2017 from 3-4 PM (EST)

- The next virtual SEED Pilot Site Quarterly meeting will be Tuesday April 11th 2017 from 1:00-2:30 PM (EST)

- Q#6 Metrics (Dec. 2016- February 2017) **Friday March 31st or sooner.**

# Thanks!
## *For Questions and Contact Us:*

# SEEDinitiative@hud.gov